

Author Index – Volume 24

Aoyagi, S., <i>see</i> Kurihara, S.	183
Billard, A. and K. Dautenhahn, Grounding communication in autonomous robots: An experimental study (Short Communication)	71
Boman, M., Towards artificial decision making (Editorial)	89
Bonatti, M., Y.M. Ermoliev and A.A. Gaivoronski, Modeling of multi-agent market systems in the presence of uncertainty: The case of information economy	93
Castelfranchi, C. and R. Conte, Limits of economic and strategic rationality for agents and MA systems	127
Castelfranchi, C. and R. Falcone, Towards a theory of delegation for agent-based systems	141
Conte, R., <i>see</i> Castelfranchi, C.	127
Dautenhahn, K., <i>see</i> Billard, A.	71
Duckett, T. and U. Nehmzow, Mobile robot self-localisation and measurement of performance in middle-scale environments	57
Ermoliev, Y.M., <i>see</i> Bonatti, M.	93
Falcone, R., <i>see</i> Castelfranchi, C.	141
Faratin, P., C. Sierra and N.R. Jennings, Negotiation decision functions for autonomous agents	159
Gaivoronski, A.A., <i>see</i> Bonatti, M.	93
Hallam, J.C.T., <i>see</i> Walker, V.A.	43
Harris, K.D. and M. Recce, Experimental modelling of time-of-flight sonar	33
Hayes, G., <i>see</i> Wyatt, J.	17
Hoar, J., <i>see</i> Wyatt, J.	17
Jennings, N.R., <i>see</i> Faratin, P.	159
Kurihara, S., S. Aoyagi, R. Onai and T. Sugawara, Adaptive selection of reactive/deliberate planning for a dynamic environment	183
Lemon, O. and U. Nehmzow, The scientific status of mobile robotics: Multi-resolution mapbuilding as a case study	5
Nehmzow, U. and M. Recce, Scientific methods in mobile robotics (Editorial)	1
Nehmzow, U., <i>see</i> Duckett, T.	57
Nehmzow, U., <i>see</i> Lemon, O.	5

Onai, R., <i>see</i> Kurihara, S.	183
Peremans, H., <i>see</i> Walker, V.A.	43
Recce, M., <i>see</i> Harris, K.D.	33
Recce, M., <i>see</i> Nehmzow, U.	1
Sierra, C., <i>see</i> Faratin, P.	159
Sugawara, T., <i>see</i> Kurihara, S.	183
Walker, V.A., H. Peremans and J.C.T. Hallam, Good vibrations: Exploiting reflector motion to partition an acoustic environment	43
Wellman, M.P. and P.R. Wurman, Market-aware agents for a multiagent world	115
Wurman, P.R., <i>see</i> Wellman, M.P.	115
Wyatt, J., J. Hoar and G. Hayes, Design, analysis and comparison of robot learners	17

Subject Index – Volume 24

Active sensing	43	MAS	127
Agent–environment interaction	43	Mobile robot	33
Agents	127	Mobile robot navigation	57
Automated negotiation	159	Mobile robot self-localisation	57
Autonomous system	183	Multi-agent systems	141
		Multi-agent plan	93, 115, 141, 159
Bounded rationality	93	Multi-agent planning	183
Business process management	159	Multiple resolution mapbuilding	15
Computational efficiency	15	Philosophy of science	15
Computational markets	115		
Conflicts	141	Q-learning	17
Cooperation	127, 141	Qualitative correction measures	71
		Quantitative analysis of robot behaviour	57
Delegation	141		
Doppler	43	Rationality	127
Dynamic environment	183	Real-world agent	183
		Reinforcement learning	17
Echolocation	43	Robot learning	17
Experimental methodology	17		
		Simulation	33, 93
Game theory	127	Sonar	33
		Spreading activation model	183
Help	141		
Integrating reactive and deliberate planning	183	Telecommunications	93
Language acquisition	71		



